

FORD ANALYTICAL LABORATORIES

CHEMICAL AND BACTERIOLOGICAL ANALYSIS

DATE: 10/25/93
CERTIFICATE OF ANALYSIS

RIVERTON CITY CORP.
P.O. BOX 429
RIVERTON, UTAH
84065

93-235080

SAMPLE: DRINKING WATER SAMPLE COLLECTED 10-4-93, 9:30 AM BY DUANE
RECEIVED 10-4-93 FOR ANALYSIS.
MAYNARD WELL

59-1140

N 586 E 40

S4 35 1W

Sec 32

	Results	Method Detection Limit
=====	=====	=====
Alkalinity CaCO3 mg/l EPA310.1	297 ✓	.50
Antimony Sb mg/l EPA 204.2	ND	.0005
Arsenic As mg/l EPA 200.9 (1)	.005 ✓	.0007
Barium Ba mg/l EPA 200.7	.086 ✓	.0025
Beryllium Be mg/l EPA 200.7	ND	.00030
Bicarb. HCO3 mg/l SM4500-CO2D	357 ✓	.1
Cadmium Cd mg/l EPA 200.7	ND ✓	.0010
Calcium Ca mg/l EPA 200.7	142 ✓	.100
Carbon Dioxide CO2 mg/l SM4500-	4 ✓	.01
Carbonate CO3 mg/l SM4500-CO2D	2.4 ✓	.10
Carbonate Solids mg/l	178	.30
Chloride Cl mg/l EPA 300	173 ✓	.50
Chromium Cr mg/l EPA 200.7	.003 ✓	.0025
Cond. umhos/cm EPA 120.1	1360	.1
Copper Cu mg/l EPA 220.1	ND ✓	.007
Cyanide Cn tot.mg/l EPA 335.2	ND	.050

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	Results	Method Detection Limit
=====	=====	=====
Fluoride, F mg/l EPA 300	<.1 ✓	.05
Hardness, CaCO ₃ mg/l EPA 242	506 ✓	1.0
Hydrox. as OH mg/l SM4500-CO ₂ D	ND ✓	.10
Iron Fe mg/l EPA 236.1	.028 ✓	.010
Lead Pb mg/l EPA 239.2	.001 ✓	.0007
Magnesium Mg mg/l EPA 200.7	37.2 ✓	.100
Manganese Mn mg/l EPA 243.1	ND ✓	.0050
Mercury, Hg mg/l EPA 245.1	ND ✓	.0002
Nickel Ni mg/l EPA 249.2 (1)	.002 ✓	.0002
Nitrate NO ₃ -N mg/l EPA 300	3.41 ✓	.01
Nitrite NO ₂ -N mg/l EPA 354	ND ✓	.01
Phosphorus Tot P mg/l EPA 365.	ND ✓	.10
Potassium K mg/l EPA 200.7	7.58 ✓	.16
Selenium Se mg/l EPA 270.2 (1)	.001 ✓	.0005
Silver Ag mg/l EPA 272.1	ND ✓	.0012
Sodium Na mg/l EPA 200.7	100 ✓	.500
Sulfate SO ₄ mg/l EPA 300	152 ✓	.5
Susp. Solids mg/l EPA 160.2	ND	1.0
Thallium Tl mg/l EPA 279.2	ND	.0005
Tot.Dis.Solids mg/l EPA 160.1	880 ✓	10.0
Turbidity NTU EPA 180.1	ND ✓	.50

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	Results	Method Detection Limit
=====	=====	=====
Zinc Zn mg/l EPA 289.1	ND	.0045
pH Units EPA 150.1	7.5 ✓	


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* ND - INDICATES NONE DETECTED *

** < - INDICATES THE SMALLEST QUANTITY DETECTABLE DUE TO REQUIRED DILUTION **

(1) ESTIMATED QUANTITY, ELEMENT DETECTED IN LAB BLANK.